



U.S. Department  
of Transportation

400 Seventh Street, S.W.  
Washington, D.C. 20590

**Pipeline and  
Hazardous Materials  
Safety Administration**

**SEP 30 2005**

DOT-E 14207

EXPIRATION DATE: July 31, 2007

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: GATX Rail  
Chicago, IL
2. PURPOSE AND LIMITATION:
  - a. This exemption authorizes the transportation in commerce of DOT Specification 111A100W tank cars having a maximum gross weight on rail of 268,000 pounds. This exemption provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.
  - b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 179.13 in that the authorized maximum gross weight on rail is 263,000 pounds.
5. BASIS: This exemption is based on the application of GATX Rail dated May 24, 2005, submitted in accordance with § 107.105, and the public proceeding thereon.

SEP 30 2005

6. HAZARDOUS MATERIALS (49 CFR 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Sodium hydroxide solution	8	UN1824	II, III

7. SAFETY CONTROL MEASURES:a. PACKAGING:

(1) Packaging prescribed are DOT Specification 111A100W tank cars with reporting marks, numbers, and AAR Certificates of Construction as listed below, each having a tank test pressure of 100 psig and in conformance with the drawings and certifications submitted with GATX's application submitted May 24, 2005 on file with The Office of Hazardous Materials Safety Exemptions and Approvals.

Car # Range Start	Car # Range End	Certif. Of Construction
GATX021026	GATX021050	A833038
GATX015521	GATX015525	A843000B
GATX016626	GATX016675	A849011A
GATX017351	GATX017390	A859140
GATX065749	GATX065749	A879042
GATX004052	GATX004373	A886056
GATX002724	GATX002731	A896109
GATX004414	GATX004552	A896136
GATX065201	GATX065250	A906100
GATX065191	GATX065200	A916047
GATX014381	GATX014390	A916048
GATX065175	GATX065190	A926006
GATX004514	GATX004542	F896146
GATX004492	GATX004553	F906033
GATX004554	GATX004554	F906057
GATX073100	GATX073199	L986183

SEP 3 0 2005

(2) Each tank car must conform with the Association of American Railroads Standards and Recommended Practices, Manual C-II, Specification S-286 effective January 1, 2004, and the following requirements:

(i) Puncture Resistance: AAR TC128 Gr. B, normalized heads and shell at 7/16-inches thick

(ii) Head Shields: Conforming to the requirements of 49 CFR 179.16

(iii) Controlling Longitudinal Loadings: Cardwell Westinghouse Mark 325 or Minor TF-880 draft gears.

(iv) Structural worthiness: Stub-sill designed and built to a million mile fatigue life, calculated by applying an overall load factor of 1.09 to those designs approved for gross rail loads at 268,000.

(v) Trackworthiness: Trucks are variable-dampened type: Barber S-2-E, or alternative S-2-HD or ASF Motion Control.

(vi) Pressure Relief Device: Re-closing pressure relief device designed and tested in accordance with 49 CFR 179.15.

(vii) Service Equipment Protection: Top fitting protection designed to 49 CFR 179.100-12(c) and the Association of American Railroad's Manual of Standards and Recommended Practices, Manual C-III, Appendix E, Paragraph 10.2.

(viii) Capacity: Each tank will have an approximate capacity of 17,600 gallons or less.

(3) Each tank car may be loaded to a maximum gross weight on rail not to exceed 268,000 pounds, provided that the tank is not loaded in excess of the amount authorized per § 173.24b.

b. MARKING - Each tank car operating under the terms of this exemption must be marked "DOT-E 14207" in four-inch letters and numerals on a contrasting background above the DOT Specification number.

SEP 30 2005

8. SPECIAL PROVISIONS:

- a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modifications or changes are made to the package and it is reoffered for transportation in conformance with this exemption and the HMR.
- b. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.
- c. Transit routes shall be agreed to, in writing, by participating railroads. The written acceptance shall be submitted to the Associate Administrator for Hazardous Materials Safety (AAHMS) at the address specified at the end of this exemption prior to the first offering on each route.
- d. The additional information requirement for shipping papers in § 172.203(a) is waived.
- e. The applicant shall make available its complete maintenance and qualification program to the Federal Railroad Administration upon request (see AAR's Manual of Standards and Recommended Practices, Manual C-111, Recommended Practice RP-263). The maintenance program must incorporate structurally significant items that may be adversely affected by the increase rail load to ensure the continual fitness-for-service of the component based on the inspection method and the inspection interval specified in the maintenance program.

9. MODES OF TRANSPORTATION AUTHORIZED: Rail freight.10. MODAL REQUIREMENTS: The Federal Railroad Administration is to be notified if any unusual incident occurs during the movement by contacting:

Federal Railroad Administration  
Hazardous Materials Division  
RRS-12, Mail Stop 25  
1120 Vermont Avenue, N.W.  
Washington, D.C. 20590  
(202) 493-6229 or 493-6247

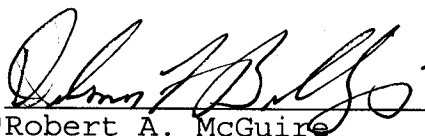
11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
  - o Persons operating under the terms of this exemption must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
  - o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: Shipments or operations conducted under this exemption are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR §§ 171.15 - Immediate notice of certain hazardous materials incidents, and 171.16 - Detailed hazardous materials incident reports. In addition, the grantee(s) of this exemption must notify the Associate Administrator for Hazardous Materials Safety -- OHMEA, in writing, of any incident involving a package, shipment or operation conducted under terms of this exemption.

Issued in Washington, D.C.:



Robert A. McGuire  
Associate Administrator for  
Hazardous Materials Safety

SEP 3 0 2005

(DATE)

**SEP 30 2005**

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Materials Safety Administration, Department of Transportation, Washington, D.C. 20590. Attention: PHH-31.

Copies of this exemption may be obtained by accessing the Hazardous Materials Safety Homepage at <http://hazmat.dot.gov/exemptions> Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

PO: Herzog